



Resilience and Sustainability of the Gulf States



Presented by

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HEALTHY ECOSYSTEMS = HEALTHY ECONOMIES



Gulf States have been promoting **resilience & sustainability** since before Katrina and DWH

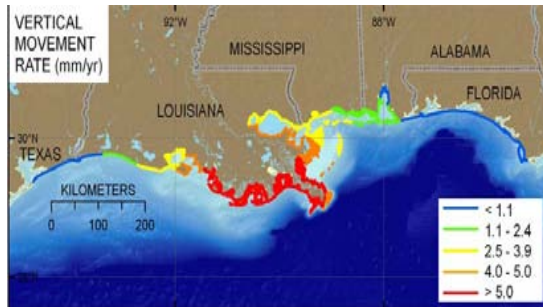
Resilience is the end result of all our objectives

Our economy depends on it (as proven by Katrina and DWH)



Regional Approach

- Collaboration, Participation & Data Sharing
- Application of available technologies
- Development of sustainability models



Alliance Focus on Resilience and Sustainability

Examples:

Tools for evaluating resilience:

Resilience Index

Sea Level Rise Studies

CHARM

Monitoring Network

Tools for increasing resilience:

Flood Mitigation

Sediment Management

Smart Growth Strategies

Homeowner's Handbooks

Living Shorelines

GOMAportal.org

StormSmart Coasts



Regional Improvements

Results:

- Agencies considering ways to **streamline the permitting process** for restoration projects
- Coastal Communities have opportunities for **reduced insurance costs** based on resilience workshops and guidance
- **Beneficial re-use of sediments** is now a consideration of dredge projects
- Data collected around the gulf can be **publically accessible** through the Gulf Data Portal



Regional Improvements

Results (continued):

- Upstream partners are considering different ways to conduct business so as to **decrease nutrients in the Gulf**
- Remote sensing for HABs to **predict outbreaks**

Goal: Gulf Report Card

Restoration and resilience efforts will result in a “grade” for the health of the Gulf in a **Report Card**.



Still a lot to be done

Create / improve habitats

Upstream issues

Comprehensive method for ecosystems services valuation

Consistent message about seafood safety

Modeling – hydrodynamic, sea-level rise

Monitoring

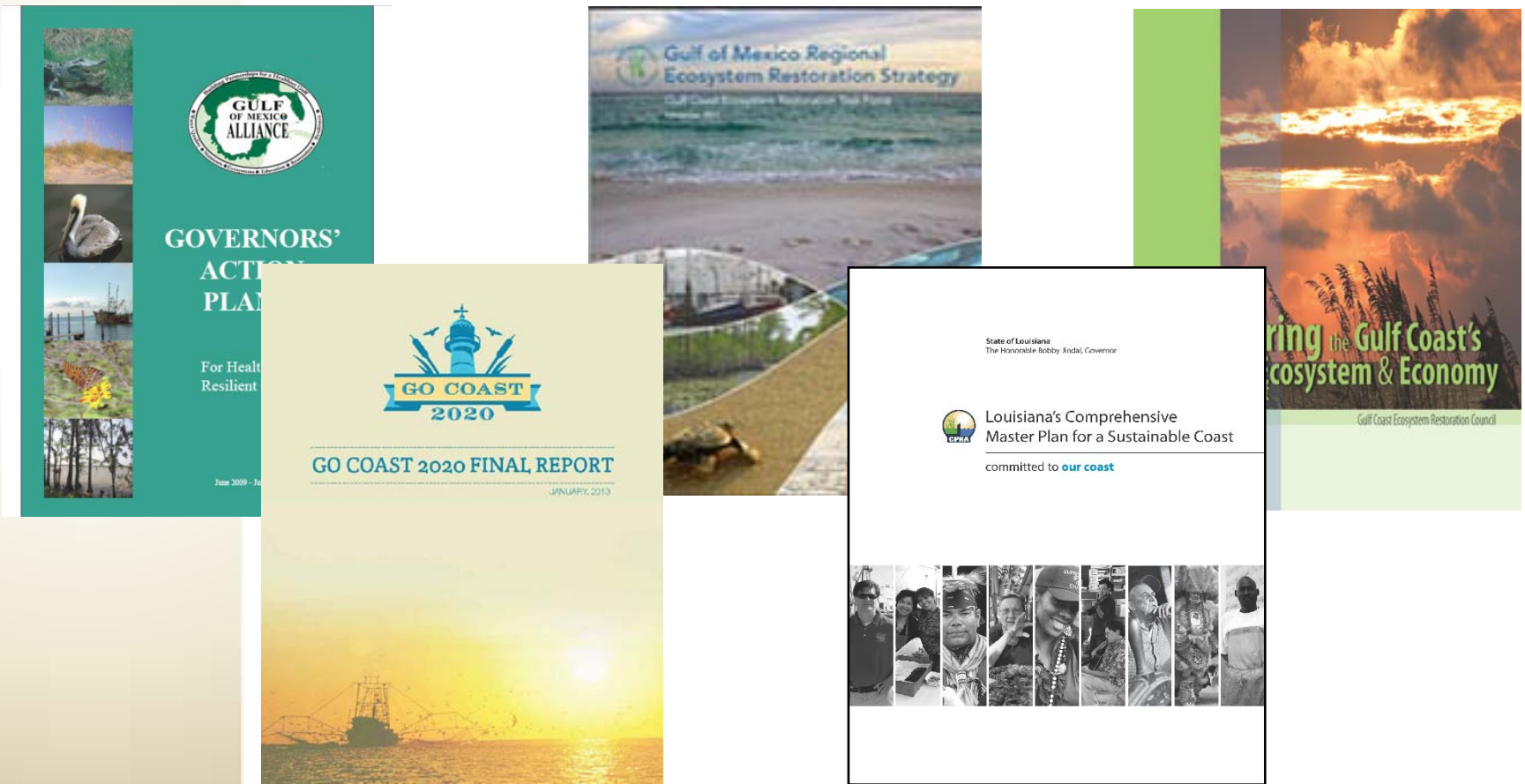
Community outreach

Nutrient reduction strategies



Leveraged Funding

Alignment for Resilience



Vision of a Resilient and Sustainable Gulf



- Healthy ecosystems that support estuaries, marshes and wetlands
- Provides for production of seafood on a national scale
- Gulf industries acknowledging need for Gulf stewardship
- Science-based decision-making
- Diversity of habitats
- Communities and businesses that bounce-back after a hazard event



Conclusion

The Gulf of Mexico is one of the most productive bodies of water in the world.

And we know that, together, we accomplish much more than we do alone.



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